

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
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         Lee               )      **Group No.: Not Yet Assigned**  
                            )      *Previous Group No. 2653*  
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                            )  
         Serial No.: Not Yet Assigned )      **Examiner: Not Yet Assigned**  
                         *Previous Serial No.: 10/156,633* )      *Previous Examiner: Paul Kim*  
                            )  
                            )  
         Filing Date: Not Yet Assigned )      **Docket No.: SJO920020018US2**  
                         *Previous Filing Date: 05/28/2002* )      *Previous Docket SJO920020018US1*  
                            )

**For: "METHOD OF PROVIDING PROTECTION FOR THE POLE  
PIECE OF A MAGNETIC HEAD DURING ITS MANUFACTURE WITH  
USE OF A SELECTIVELY ETCHABLE MATERIAL" (as amended herein)**

*Previous Title: "METHOD OF PROTECTING THE POLE PIECE OF A MAGNETIC  
HEAD DURING THE ION MILL PATTERNING OF THE YOKE"*

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PRELIMINARY AMENDMENT**

The Applicant respectfully submits this Preliminary Amendment for the above-referenced **DIVISIONAL** patent application which is based on U.S. Application No. 10/156,633 filed on 05/28/2002.

**IN THE TITLE**

Please delete the current title and substitute therefor -Method Of Providing Protection To  
The Pole Piece Of A Magnetic Head During Its Manufacture With Use Of A Selectively  
Etchable Material--.

**AFTER THE TITLE**

On page 1 after the title, please add the following paragraph:

**CROSS-REFERENCE TO RELATED APPLICATION**

This application is a divisional application of U.S. patent application having Serial No. 10/156,633 filed on 05/28/2002 entitled "Method Of Protecting The Pole Piece Of A Magnetic Head During The Ion Mill Patterning Of The Yoke".

## **IN THE SUMMARY**

On page 5-6, please replace the current paragraph in the Summary Of The Invention with the following new paragraph:

In one illustrative example of the present invention, a method of making a magnetic head involves providing a partially constructed magnetic head which has a top surface formed by a front P2 pole tip, a back gap P2 pedestal, and insulator materials disposed between the front P2 pole tip and the back gap P2 pedestal; forming a layer of selectively etchable materials over the top surface of the partially constructed magnetic head, the layer having a front edge that is recessed away from an air bearing surface (ABS); forming additional insulator materials over the selectively etchable material layer and over a front portion of the front P2 pole tip; performing a chemical-mechanical polishing (CMP) to form a substantially coplanar top surface with the selectively etchable material layer and the additional insulator materials; etching to remove the selectively etchable material layer; depositing yoke layer materials over the resulting structure; and performing a chemically-mechanically polishing (CMP) to form a substantially coplanar top surface with the yoke layer materials and the additional insulator materials, to thereby form a yoke.